

AMENDMENT IN THE CLAIMS

Please cancel claims 17-30 without prejudice or disclaimer of their subject matter, and amend claims 1, 2, 6-12, and 14 to read as follows.

1 1. (Currently Once Amended) A refrigerator, ~~comprising at least one chamber and a~~
2 ~~temperature adjuster adjusting an inner temperature of the chamber, further comprising:~~

3 at least one chamber;

4 a first temperature sensor ~~approximately~~ sensing ~~the inner~~ a temperature inside of the
5 chamber,

6 a second temperature sensor spaced from the first temperature sensor ~~so as to sense the real~~
7 an inner temperature inside of the chamber; ~~and~~

8 a temperature adjuster adjusting the inner temperature of the chamber; and

9 a controller controlling the temperature adjuster according to the temperature sensed by the
10 second temperature sensor when the temperature sensed by the first temperature sensor is within a
11 predetermined temperature ~~limits~~ range of the chamber and the temperature sensed by the second
12 temperature sensor is not within the predetermined temperature ~~limits~~ range of the chamber.

1 2. (Currently Once Amended) The refrigerator according to claim 1, wherein the first and
2 second temperature sensors are installed at lower and upper parts of the chamber, respectively; and
3 the controller is programmed with said predetermined temperature range, said predetermined
4 temperature range comprising a first temperature range and a second temperature limits range to be

5 compared with the temperatures sensed by the first and second temperature sensors, respectively.

1 3. (Original) The refrigerator according to claim 1, wherein one of the first and second
2 temperature sensors is removably installed.

1 4. (Original) The refrigerator according to claim 2, wherein one of the first and second
2 temperature sensors is removably installed.

1 5. (Original) The refrigerator according to claim 3, wherein the first temperature sensor is
2 in contact with the bottom surface of the chamber and senses the temperature of the surface of the
3 chamber; and

4 the second temperature sensor is installed at the upper part of the chamber and senses the
5 inner temperature of the chamber.

1 6. (Currently Once Amended) The refrigerator according to claim 5, ~~wherein at the upper~~
2 ~~part of the chamber are provided~~ further comprising a sensor accommodating part accommodating
3 the second temperature sensor, and a sensor cover opening and closing the sensor accommodating
4 part.

1 7. (Currently Once Amended) The refrigerator according to claim 2, wherein the first and
2 second temperature ~~limits~~ ranges are different from each other.

1 8. (Currently Once Amended) The refrigerator according to claim 7, wherein the controller
2 determines whether the temperature sensed by the first temperature sensor is within the first
3 temperature range limits, if the temperature sensed by the second temperature sensor is within the
4 second temperature range limits, to thereby control the temperature adjuster.

1 9. (Currently Once Amended) The refrigerator according to claim 8, wherein the controller
2 controls the temperature adjuster to allow the temperature sensed by the second temperature sensor
3 to be within the second temperature range limits, if the temperature sensed by the second temperature
4 sensor is ~~beyond~~ not within the second temperature range limits, and determines whether or not the
5 temperature sensed by the first temperature sensor is within the first temperature range limits, if the
6 temperature sensed by the second temperature sensor is within the second temperature range limits,
7 to thereby control the temperature adjuster.

1 10.(Currently Once Amended) The refrigerator according to claim 7, wherein the controller
2 controls the temperature adjuster until the temperature sensed by the second temperature sensor is
3 within the second temperature range limits, and then determines whether or not the temperature
4 sensed by the first temperature sensor is within the first temperature range limits, to thereby control
5 the temperature adjuster.

1 11.(Currently Once Amended) The refrigerator according to claim 10, wherein the controller

controls the temperature adjuster to allow the temperature sensed by the second temperature sensor to be within the second temperature range limits, if the temperature sensed by the second temperature sensor is ~~beyond~~ not within the second temperature range limits, and determines whether or not the temperature sensed by the first temperature sensor is within the first temperature range limits, if the temperature sensed by the second temperature sensor is within the second temperature range limits, to thereby control the temperature adjuster.

12.(Currently Once Amended) The refrigerator according to claim 10, wherein the controller controls the temperature adjuster until the temperature sensed by the second temperature sensor is within the second temperature range limits, and then determines whether or not the temperature sensed by the first temperature sensor is within the first temperature range limits, to thereby control the temperature adjuster.

13. (Original) The refrigerator according to claim 6, further comprising first and second sensor indicators indicating operating states of the first and second temperature sensors; and wherein the controller controls the operating states of the first and second temperature sensors.

14.(Currently Once Amended) The refrigerator according to claim 13, wherein where one of the first and second temperature sensors is determined to be abnormal and the other of the first and second temperature sensors is determined to be normal, the controller allows the ~~concerned~~

4 sensor ~~indicators~~ indicator corresponding to the abnormal sensor to indicate abnormality ~~thereof~~ and
5 determines whether or not the temperature sensed by the ~~other~~ normal temperature sensor is within
6 the temperature range limits of the normal temperature sensor, to thereby control the temperature
7 adjuster.

1 15. (Original) The refrigerator according to claim 10, wherein where both the first and
2 second temperature sensors are out of order, the controller allows both the first and second sensor
3 indicators to indicate the abnormalities of both the first and second temperature sensors, and
4 suspends the operation of the temperature adjuster.

1 16. (Original) The refrigerator according to claim 1, wherein the temperature adjuster
2 comprises:

3 a cooling system cooling the chamber with a compressor, a condenser, an evaporator and a
4 valve which circulate a refrigerant; and
5 a heater heating the chamber.

1 17-30. (Canceled)